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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*In re* Patent Application of:

Brian E. JOSEPH

Serial No.: 10/693,458

Confirmation No.: 2930

Filed: October 27, 2003

Docket No.: 07620006C1

Group Art Unit: 1775

Examiner: Abraham BAHTA

For: THERMAL PROTECTION SYSTEM

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

COMBINED STATEMENT UNDER 37 C.F.R. § 3.73 (b),  
REVOCATION OF POWER OF ATTORNEY AND  
APPOINTMENT OF NEW POWER OF ATTORNEY, AND  
CHANGE OF CORRESPONDENCE ADDRESS

Sir:

Attached hereto is a Combined Statement Under 37 C.F.R. §3.73(b), Revocation of  
Power of Attorney and Appointment of New Power of Attorney and a Change of  
Correspondence Address. Entry of the New Power of Attorney and Change of Correspondence  
Address is respectfully requested.

Respectfully submitted,

Philip D. Lane  
Reg. No. 41,140

Date: November 2, 2004

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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P.O. Box 1450  
Alexandria, Virginia 22313-1450

**COMBINED STATEMENT UNDER 37 C.F.R. 3.73(b),  
REVOCATION OF POWER OF ATTORNEY WITH  
NEW POWER OF ATTORNEY, AND  
CHANGE OF CORRESPONDENCE ADDRESS**

**I. Statement Under 37 C.F.R. 3.37(b)**

Touchstone Research Laboratory, Ltd., a corporation, states that it is the assignee of the entire right, title, and interest in the following patent applications by virtue of assignments from their respective inventor(s). The assignments have been recorded in the United States Patent and Trademark Office at the reel and frame numbers indicated below or a copy of the assignment is attached hereto.

<b>Docket No.</b>	<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Reel/Frame No.</b>
07620002US	10/460,312	6/13/2003	Metal Matrix Composites With Intermetallic Reinforcements	014173/0116
07620002CIP	10/917,311	8/13/2004	Metal Matrix Composites With Intermetallic Reinforcements	Assignment Attached
07620003AA	09/453,729	12/02/1999	Cellular Coal Products and Processes	Assignment Attached
07620003C2	10/810,841	3/29/2004	Cellular Coal Products and Processes	Assignment Attached
07620003C3	10/810,899	3/29/2004	Cellular Coal Products and Processes	Assignment Attached
07620003PA1	09/902,828	7/10/2001	Cellular Coal Products and Processes	011991/0597
07620003PA2	10/046,436	1/14/2002	Cellular Coal Products and Processes	Assignment Attached
07620004AA	09/733,602	12/8/2000	Designed Cellular Coal	011349/0110
07620004C1	10/810,842	3/29/2004	Designed Cellular Coal	Assignment Attached
07620004C2	10/810,843	3/29/2004	Reinforced Designed Cellular Coal	Assignment Attached
07620004PA	09/905,344	7/14/2001	Reinforced Designed Cellular Coal	Assignment Attached
07620005AA	09/888,977	6/25/2001	Electrochemical Cell Electrodes	Assignment Attached

07620006C1	10/693,458	10/27/2003	Thermal Protection System	Assignment Attached
07620006PA	09/944,273	8/31/2001	Thermal Protection System	012142/0191
07620007AA	09/976,172	10/12/2001	Activated, Coal-Based Carbon Foam	012256/0618
07620007C1	10/810,900	3/29/2004	Activated, Coal-Based Carbon Foam	Assignment Attached
07620008AA	09/976,175	10/12/2001	Petroleum Pitch-Based Carbon Foam	012258/0300
07620008C1	10/810,840	3/29/2004	Petroleum Pitch-Based Carbon Foam	Assignment Attached
07620009AA	09/976,425	10/12/2001	Carbon Foam Abrasives	012258/0385
07620009C1	10/810,845	3/29/2004	Carbon Foam Abrasives	Assignment Attached
07620009C2	10/810,844	3/29/2004	Carbon Foam Abrasives	Assignment Attached
07620009PA	10/068,074	2/5/2002	Carbon Foam Abrasives	015263/0946
07620010AA	09/976,426	10/12/2001	Stealth Foam and Production Method	Assignment Attached
07620011AA	09/941,342	8/29/2001	Composite Tooling	Assignment Attached
07620011C1	10/896,234	7/22/2004	Composite Tooling	Assignment Attached
07620011PA	10/878,125	6/29/2004	Carbon Foam Composite Tooling and Method for Using the Same	Assignment Attached
07620011PB	10/878,151	6/29/2004	Carbon Foam Composite Tooling and Method for Using the Same	Assignment Attached
07620012AA	09/954,490	9/17/2001	Coal-Based Carbon Foam	Assignment Attached
07620013AA	10/068,075	2/5/2002	Blended Pitch/Coal-Based Carbon Foams	012575/0885
07620014AA	10/072,661	2/6/2002	Microwave Assisted Treatment of Carbon Foam	Assignment Attached
1430(CIP)	10/231,765	8/28/2002	Continuous Metal Matrix Composite Consolidation	Assignment Attached
1606	10/247,185	9/19/2002	Continuous Metal Matrix Composite Consolidation	Assignment Attached
1474	09/882,096	6/15/2001	Rib-Stiffened Composite Structure	Assignment Attached

II. Revocation of Power of Attorney with New Power of Attorney

The assignee of the above-identified patent applications revokes all previous powers of attorney given in the above-identified applications and hereby appoints the practitioners associated with the customer number

**48642**

as practitioners to prosecute these applications and transact all business in the United States Patent and Trademark Office connected therewith. The undersigned hereby grants said practitioners the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office.

III. Change of Correspondence Address

Please change the correspondence address for the above-identified applications to the address associated with customer number

**48642**

The undersigned is authorized to act on behalf of the assignee.

On behalf of Touchstone Research Laboratory, Ltd.:

FOR: TOUCHSTONE RESEARCH LABORATORY, LTD.

SIGNATURE: Brian E. Joseph

BY: Brian E. Joseph

TITLE: President

DATE: October 27, 2004

Docket 1527 (Touchstone)  
(Worldwide Rights)

**ASSIGNMENT**

**FULL NAME AND  
POST OFFICE ADDRESS  
(Including country)  
OF INVENTOR**

**WHEREAS:**

Brian E. Joseph  
18 Lynwood Avenue  
Wheeling, West Virginia 26003  
US

(hereinafter referred to as ASSIGNOR) has invented certain new and useful improvements in an invention entitled:

**TITLE OF INVENTION**

**THERMAL PROTECTION SYSTEM**

for which an application for United States Letters Patent is being executed and filed concurrently herewith;

**WHEREAS:**

**FULL NAME AND ADDRESS  
(Including country) OF  
ASSIGNEE (if a corporation,  
so state and identify state/  
country or corporation)**

Touchstone Research Laboratory, Ltd.  
R.D. #1, Box 100B  
The Millennium Centre  
Triadelphia, West Virginia 26059  
US

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:  
Be it known that in consideration of the payment by ASSIGNEE to said ASSIGNOR of the sum of One Hundred Dollars (\$100.00), the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or release thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorizes and requests the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

**BEST AVAILABLE COPY**

ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention, and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and signed on the date indicated below:

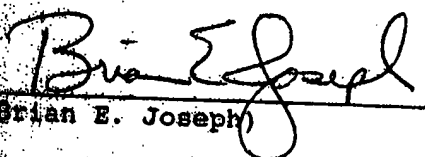
**SIGNATURE**

(The signature must correspond with the name of the inventor above)

**INVENTOR AND ASSIGNOR**

**DATE SIGNED**

**WITNESS**

  
(Brian E. Joseph)

8/13/01

